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PATENT TRADEMARK OFFICE

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APPENDIX OF MARKED UP VERSION OF CLAIMS

1(Amended). A method for operating a data carrier equipped with a communication device, a memory device and a program execution unit for executing function programs contained in the memory device, [characterized by] comprising the [following] steps:

[-] installing a function program in the memory device [(110)] of the data carrier for realizing a loader interface [(120)] which in turn makes it possible to reload function programs each realizing a load application [(210)],

[-] providing a free memory space [(130)] available for the loader interface [(120)] in the memory device [(110)],

[-] reloading at least one load application [(210)] via the communication device [(60)] into the memory device [(110)], said reloading being controlled by the loader interface [(120)], and the load application [(210)] being allotted a part of the free memory space [(130)] as an assigned address space [(220)].

2(Amended). [A] The method according to claim 1, [characterized by] comprising the following further step:

[-] reloading at least one application program [(230)] via the communication device [(60)] by the program execution unit under the control of the load application [(210)] into the assigned address space [(220)] allotted thereto.

3(Amended). [A] The method according to claim 1, [characterized in that] wherein the loader interface [(120)] gives the] provides control over an assigned address space [(220)] allotted to a load application [(210)] to the load application [(210)].

4(Amended). A data carrier [having] comprising

[-] a memory device [(110)] for receiving function and application programs,

[-] a program execution unit [(20)] for executing function programs contained in the memory device [(110)],

[-] a communication device [(60)],

[characterized by]

[-] a loader interface [(120) realized as] comprising a function program for loading at least one load application [(210)], which permits the reloading of a further application program, into the memory device [(110)] via the communication device [(60)],

[-] the loader interface [(120)] having associated therewith in the memory device [(110)] a free memory space [(130)] for receiving at least one load application.

5(Amended). [A] The data carrier according to claim 4, [characterized in that] including a load application [(210)] received in the memory device [(110)] that controls a part [(220)] of the free memory space [(130)] associated with the loader interface [(120)], independently of the loader interface.

6(Amended). [A] The data carrier according to claim 4, [characterized in that] wherein the load applications [(210)] are designed to link application programs [(330)] to be reloaded with application and function programs already present on the data carrier, during loading.

7(Amended). [A] The data carrier according to claim 6, [characterized in that] wherein a load application [(210)] comprises limitations which prohibit the linking of an application program [(330)] to be newly loaded with one already present [(311, 320)].

8(Amended). A method for operating a data carrier having a memory device for receiving function and application programs, a program execution unit for executing function and application programs contained in the memory device, and a communication device, [characterized by] comprising the [following] steps:

[-] equipping the data carrier with a function program [realizing] comprising a loader interface [(120, 210)] for reloading application programs into the memory device,

[-] equipping the data carrier with a management device for assigning address spaces in the memory device [(110)] to reloaded application programs,

[-] providing the application program to be reloaded with badges containing information about the size of the memory space required for the application program,
[-] evaluating the badge during reloading of an application program, and
[-] assigning to the application program an address space in the memory device [(110)] coordinated with the determined size information.

9(Amended). [A] The method according to claim 8, [characterized in that] wherein the badge furthermore contains information designating the application program.

10(Amended). [A] The method according to claim 8, [characterized in that] wherein the badge furthermore contains a signature for proving the authenticity of the application program.

11(Amended). [A] The method according to claim 8, [characterized in that] wherein the badges are issued by the issuer of the data carrier.

12(Amended). A data carrier [having] comprising a memory device [(110)] for receiving function and application programs, a program execution unit [(20)] for executing function programs contained in the memory device, [and] a communication device [(60)], [characterized by] and a loader interface [(120, 210) realized as] comprising a function program, for reloading at least one application program into the memory device via the communication device [(60)], the loader interface [(120, 210)] having means for checking a badge of an application program to be loaded, and assigning memory space in the memory device [(110)] to an application program to be loaded in accordance with size information contained on the badge.